

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method for applying a coating to an optical device, comprising:
  - a. placing a coating solution which imparts scratch-resistant properties to the optical device in a cliché of a cliché plate;
  - b. transferring the coating solution from the cliché to a transfer pad, wherein the transfer pad has a deformable body retaining coating solution; and
  - c. pressing the transfer pad to the optical device so as to transfer the coating solution from the deformable body of the transfer pad to the optical device, wherein the optical device is a selected one of a spectacle lens or a mold for forming a spectacle lens.
2. (Previously Presented) The method of Claim 1, further comprising:
  - d. irradiating the coating solution associated with the optical device at a wavelength of microwave so as to form a coating layer on the optical device.
3. (Original) The method of Claim 1, wherein the placing step comprises:
  - i. providing a reservoir containing the coating solution; and
  - ii. filling the cliché of the cliché plate with the coating solution from the reservoir.
4. (Previously Presented) The method of Claim 3, wherein the reservoir has a body with a first end and a second end, an outer surface and a longitudinal axis, and defining an axially extending bore, a cap closing the extending bore at the first end, and a wiper blade surrounding the extending bore at the second end, and the filling step further comprises:
  - iii. positioning the reservoir with its second end against the surface of the cliché plate having the cliché such that the cliché plate cooperates with the wiper blade to close the extending bore at the second end; and

- iv. moving the cliché plate relative to the reservoir in a direction substantially perpendicular to the longitudinal axis so that the wiper blade crosses the cliché to leave some of the coating solution in the cliché.

5. (Previously Presented) The method of Claim 4, wherein the reservoir further has an inlet through the cap and in fluid communication with the bore and a supply of the coating solution, the method further comprising providing the coating solution to the bore of the reservoir from the supply of the coating solution through the inlet.

6. (Original) The method of Claim 1, wherein the transferring step comprises:

- i. placing the transfer pad in a first position;
- ii. positioning the cliché plate in a second position, wherein the first position and the second position are aligned along a first operating axis;
- iii. bringing the transfer pad and the cliché plate together in a relative movement so that the transfer pad contacts the coating solution in the cliché;
- iv. pressing the transfer pad against the cliché plate so that some coating solution is transferred from the cliché to form a layer of the coating solution on the transfer pad;
- v. separating the transfer pad and the cliché plate from each other in a relative movement so that the transfer pad is substantially back to the first position and the cliché plate is substantially back to or stays at the second position; and
- vi. retracing the cliché plate to a retracted position from the second position, wherein the second position and the retracted position are aligned along a second operating axis, and the first operating axis and the second operating axis are substantially perpendicular to each other.

7. (Previously Presented) The method of Claim 6, further comprising:

- vii. placing a coating solution in the cliché of the cliché plate in the retraced position; and
- viii. positioning the cliché plate having the coating solution in the cliché in the second position ready for transferring the coating solution to the transfer pad.

8. (Previously Presented) The method of Claim 1, wherein the pressing step comprises:
  - i. placing the transfer pad in a first position;
  - ii. positioning the optical device in a second position, wherein the first position and the second position are aligned along a first operating axis;
  - iii. bringing the transfer pad and the optical device together in a relative movement so that the transfer pad contacts the optical device;
  - iv. pressing the transfer pad against the optical device so that some coating solution is transferred from the transfer pad to form a layer of the coating solution on the optical device; and
  - v. separating the transfer pad and the optical device from each other in a relative movement so that the transfer pad is substantially back to the first position.
9. (Previously Presented) The method of Claim 8, further comprising:
  - vi. moving the optical device to a third position for irradiating.
10. (Original) The method of Claim 2, wherein the radiation is generated by a microwave energy source.
11. (Original) The method of Claim 10, wherein the microwave energy source is a microwave oven.
12. (Previously Presented) The method of Claim 1, wherein the optical device has an optical surface and the coating solution is applied to substantially the entire optical surface.
13. (Previously Presented) The method of Claim 12, further comprising curing the coating solution to form a coating on the optical surface.
14. (Previously Presented) The method of Claim 13, wherein the curing source comprises radiation generated by an infra-red light source.

15. (Previously Presented) The method of Claim 13, wherein the curing source comprises radiation generated by an ultra-violet light source.

16. (Canceled)

17. (Previously Presented) The method of Claim 12, wherein the optical device comprises both a front mold and a back mold, each mold having a facing inside surface which is its optical surface.

18. (Previously Presented) The method of Claim 17, further comprising:

- d. curing the coating solution associated with the respective optical surfaces so as to form a coating layer on the optical surfaces;
- e. positioning the front mold and the back mold whose facing inside surfaces are a negative image of the surfaces of an optical lens to be formed at a proper distance and rotational orientation to each other, both the front mold and back mold having an edge;
- f. closing the edges of the front mold and back mold with a closure member to define a molding cavity;
- g. injecting a fluid lens-forming material into the molding cavity; and
- h. curing the fluid lens-forming material by radiation so that the fluid lens-forming material is hardened to form the optical lens and each of the coating layers on the inside surfaces of the front mold and back mold is transferred to and hardened to be bond on a corresponding surface of the optical lens.

19. (Original) The method of Claim 18, wherein the radiation is generated by an infra-red light source.

20. (Original) The method of Claim 18, wherein the radiation is generated by an ultra-violet light source.

21. (Previously Presented) A method for applying a coating to an optical surface of an optical device, comprising:

- a. placing a coating solution in a cliché of a cliché plate;
- b. transferring the coating solution from the cliché to a transfer pad, wherein the transfer pad has a deformable body retaining coating solution;
- c. placing a screen over the optical surface;
- d. applying coating solution to the screen; and
- e. pressing the transfer pad to the optical surface so as to transfer the coating solution from the deformable body of the transfer pad to the optical surface.

22. (Previously Presented) The method of Claim 21, further comprising pressing the transfer pad against the screen so as to transfer the coating solution from the transfer pad to the screen and to the optical surface.

23. (Original) The method of Claim 22, wherein the screen comprises:

- a. a frame defining an opening; and
- b. a film covering the opening, wherein at least part of the film has a plurality of holes.

24. (Original) The method of Claim 23, wherein the film comprises a partially coated fibre.

25. (Currently Amended) The method of Claim ~~22~~ 23, wherein the pressing step further comprises:

- i. pressing the transfer pad against the screen so that the film curvingly fits to the optical surface; and
- ii. causing the coating solution from the transfer pad to reach the optical surface through the plurality of holes.

26. (Previously Presented) A method for applying a coating to an optical device, comprising:
- a. transferring a coating solution which imparts scratch-resistant properties to the optical device to a transfer pad; and
  - b. pressing the transfer pad to the optical device so as to transfer the coating solution from the transfer pad to the optical device, wherein the optical device is a selected one of a spectacle lens or a mold for forming a spectacle lens.
27. (Previously Presented) The method of Claim 26, further comprising placing a coating solution in a cliche of a cliche plate, and the transferring step comprises transferring the coating solution from the cliche to the transfer pad.
28. (Original) The method of Claim 27, wherein the placing step comprises:
- i. providing a reservoir containing the coating solution; and
  - ii. filling the cliche of the cliche plate with the coating solution from the reservoir.
29. (Previously Presented) The method of Claim 28, wherein the reservoir has a body with a first end and a second end, an outer surface and a longitudinal axis, and defining an axially extending bore, a cap closing the extending bore at the first end, and a wiper blade surrounding the extending bore at the second end, and the filling step further comprises:
- iii. positioning the reservoir with its second end against the surface of the cliche plate having the cliche such that the cliche plate cooperates with the wiper blade to close the extending bore at the second end; and
  - iv. moving the cliche plate relative to the reservoir in a direction substantially perpendicular to the longitudinal axis so that the wiper blade crosses the cliche to leave some of the coating solution in the cliche.
30. (Previously Presented) The method of Claim 29, wherein the reservoir further has an inlet through the cap and in fluid communication with the bore and a supply of the coating solution, the method further comprising providing the coating solution to the bore of the reservoir from the supply of the coating solution through the inlet.

31. (Currently Amended) The method of Claim 26 27, wherein the transferring step comprises:

- i. placing the transfer pad in a first position;
- ii. positioning the cliché plate in a second position, wherein the first position and the second position are aligned along a first operating axis ;
- iii. bringing the transfer pad and the cliché plate together in a relative movement so that the transfer pad contacts the coating solution in the cliché;
- iv. pressing the transfer pad against the cliché plate so that some coating solution is transferred from the cliché to form a layer of the coating solution on the transfer pad;
- v. separating the transfer pad and the cliché plate from each other in a relative movement so that the transfer pad is substantially back to the first position and the cliché plate is substantially back to or stays at the second position; and
- vi. retracting the cliché plate to a retracted position from the second position, wherein the second position and the retracted position are aligned along a second operating axis, and the first operating axis and the second operating axis are substantially perpendicular to each other.

32. (Original) The method of Claim 31, further comprising:

- vii. placing a coating solution in the cliché of the cliché plate in the retracted position;
- and
- viii. positioning the cliché plate having the coating solution in the cliché in the second position ready for transferring the coating solution to a transfer pad.

33. (Previously Presented) The method of Claim 26, wherein the pressing step comprises:

- i. placing the transfer pad in a first position;
- ii. positioning the optical device in a second position, wherein the first position and the second position are aligned along a first operating axis;
- iii. bringing the transfer pad and the optical device together in a relative movement so that the transfer pad contacts the optical device;
- iv. pressing the transfer pad against the optical device so that some coating solution is transferred from the transfer pad to form a layer of the coating solution on the optical device; and

- v. separating the transfer pad and the optical device from each other in a relative movement so that the transfer pad is substantially back to the first position and the optical device is substantially back to or stays at the second position.
34. (Original) The method of Claim 33, further comprising:
- vi. moving the optical device to a third position for irradiating treatment.
35. (Previously Presented) The method of Claim 26, further comprising:
- a. irradiating the coating solution associated with the optical device at a wavelength of microwave so as to form a coating layer on the optical device; and
  - b. curing the coating layer to form a coating on the optical device by radiation outside the wavelength range of microwave.
36. (Original) The method of Claim 35, wherein the microwave radiation is generated by a microwave energy source.
37. (Original) The method of Claim 35, wherein the radiation outside the wavelength range of microwave is generated by at least one of an infra-red light and an ultra- violet light.
38. (Canceled)
39. (Previously Presented) The method of Claim 26, wherein the optical device comprises both a front mold and a back mold, each mold having a facing inside surface which is its optical surface.
40. (Previously Presented) The method of Claim 39, further comprising:
- a. irradiating the coating solution associated with the facing inside surface for each of the front mold and back mold at a wavelength of microwave so as to form a coating layer on each facing inside surface;
  - b. positioning the front mold and the back mold whose facing inside surfaces are a negative image of the surfaces of an optical lens to be formed at a proper distance



and rotational orientation relative to each other, both the front mold and back mold having an edge;

- c. closing the edges of the front mold and back mold with a closure member to define a molding cavity;
- d. injecting a fluid lens-forming material into the molding cavity; and
- e. curing the fluid lens-forming material by radiation outside the wavelength range of microwave so that the fluid lens-forming material is hardened to form the optical lens and each of the coating layers on the inside surfaces of the front mold and back mold is transferred to and hardened to be bond on a corresponding surface of the optical lens.

41. (Original) The method of Claim 40, wherein the microwave radiation is generated by a microwave energy source.

42. (Original) The method of Claim 40, wherein the radiation outside the wavelength range of microwave is generated by at least one of an infra-red light and an ultra- violet light.

43 - 67. (Canceled)

68. (Previously Presented) A method for applying a coating to at least one optical surface of a spectacle lens, comprising:

- a. placing a coating solution in a cliché of a cliché plate;
- b. transferring the coating solution from the cliché to a transfer pad;
- c. providing a front mold and a back mold each having a facing inside surface;
- d. pressing the transfer pad to each of the facing inside surfaces of the front mold and back mold so as to transfer the coating solution from the transfer pad to each of the facing inside surfaces, respectively, and coat each of the facing inside surfaces in substantially their entireties;

- e. irradiating the coating solution associated with each of the facing inside surfaces at a wavelength of microwave so as to form a coating layer on each of the facing inside surfaces;
- f. positioning the front mold and the back mold whose facing inside surfaces are a negative image of the surfaces of the spectacle lens to be formed at a proper distance and rotational orientation relative to each other, both the front mold and back mold having an edge;
- g. closing the edges of the front mold and back mold with a closure member to define a molding cavity;
- h. injecting a fluid lens-forming material into the molding cavity; and
- i. curing the fluid lens-forming material by radiation outside the wavelength range of microwave so that the fluid lens-forming material is hardened to form the spectacle lens and each of the coating layers on the inside surfaces of the front mold and back mold is transferred to and hardened to be bond on a corresponding surface of the spectacle lens.

69 - 76. (Canceled)

77. (Original) A method for applying a coating to at least one optical surface, comprising the steps of:

- a. placing a screen over the optical surface;
- b. applying some coating solution to the screen;
- c. transferring some coating solution to a transfer pad;
- d. pressing the transfer pad against the screen so as to transfer the coating solution from the transfer pad to the screen and to the optical surface; and
- e. irradiating the coating solution so as to form a coating layer on the optical surface.

78. (Original) The method of Claim 77, wherein the screen comprises:

- a. a frame defining an opening; and

b. a film covering the opening, wherein at least part of the film has a plurality of holes.

79. (Original) The method of Claim 78, wherein the film comprises a partially coated fibre.

80. (New) A method for applying a coating to an optical device, comprising acts of:

- a. placing a coating solution which imparts scratch-resistant properties to the optical device in a cliché of a cliché plate, wherein the optical device comprises both a front mold and a back mold, each mold having a facing inside surface which is its optical surface and wherein the coating solution is applied to substantially the entire optical surface;
- b. transferring the coating solution from the cliché to a transfer pad, wherein the transfer pad has a deformable body retaining coating solution; and
- c. pressing the transfer pad to the optical device so as to transfer the coating solution from the deformable body of the transfer pad to the optical device.

81. (New) The method of Claim 80, further comprising:

- d. curing the coating solution associated with the respective optical surfaces so as to form a coating layer on the optical surfaces;
- e. positioning the front mold and the back mold whose facing inside surfaces are a negative image of the surfaces of an optical lens to be formed at a proper distance and rotational orientation to each other, both the front mold and back mold having an edge;
- f. closing the edges of the front mold and back mold with a closure member to define a molding cavity;
- g. injecting a fluid lens-forming material into the molding cavity; and
- h. curing the fluid lens-forming material by radiation so that the fluid lens-forming material is hardened to form the optical lens and each of the coating layers on the inside surfaces of the front mold and back mold is transferred to and hardened to be bonded on a corresponding surface of the optical lens.

82. (New) The method of Claim 81, wherein the radiation is generated by an infra-red light source.

83. (New) The method of Claim 81, wherein the radiation is generated by an ultra-violet light source.

84. (New) A method for applying a coating to an optical surface of an optical device, comprising acts of:

- a. placing a coating solution in a cliché of a cliché plate;
- b. transferring the coating solution from the cliché to a transfer pad, wherein the transfer pad has a deformable body retaining coating solution;
- c. placing a screen over the optical surface, wherein the screen comprises:
  - i. a frame defining an opening, and
  - ii. a film covering the opening, wherein at least part of the film has a plurality of holes;
- d. applying coating solution to the screen; and
- e. pressing the transfer pad against the screen so as to transfer the coating solution from the deformable body of the transfer pad to the screen and to the optical surface.

85. (New) The method of Claim 84, wherein the film comprises a partially coated fibre.

86. (New) The method of Claim 84, wherein the pressing step further comprises:

- i. pressing the transfer pad against the screen so that the film curvingly fits to the optical surface; and
- ii. causing the coating solution from the transfer pad to reach the optical surface through the plurality of holes.

87. (New) A method for applying a coating to an optical device, comprising acts of:

- a. transferring a coating solution which imparts scratch-resistant properties to the optical device to a transfer pad, wherein the optical device comprises both a front mold and a back mold, each mold having a facing inside surface which is its optical surface;
  - b. pressing the transfer pad to the optical device so as to transfer the coating solution from the transfer pad to the optical device, wherein the optical device is a selected one of a spectacle lens or a mold for forming a spectacle lens;
  - c. irradiating the coating solution associated with the facing inside surface for each of the front mold and back mold at a wavelength of microwave so as to form a coating layer on each facing inside surface;
  - d. positioning the front mold and the back mold whose facing inside surfaces are a negative image of the surfaces of an optical lens to be formed at a proper distance and rotational orientation relative to each other, both the front mold and back mold having an edge;
  - e. closing the edges of the front mold and back mold with a closure member to define a molding cavity;
  - f. injecting a fluid lens-forming material into the molding cavity; and
  - g. curing the fluid lens-forming material by radiation outside the wavelength range of microwave so that the fluid lens-forming material is hardened to form the optical lens and each of the coating layers on the inside surfaces of the front mold and back mold is transferred to and hardened to be bond on a corresponding surface of the optical lens.
88. (New) The method of Claim 87, wherein the microwave radiation is generated by a microwave energy source.
89. (New) The method of Claim 87, wherein the radiation outside the wavelength range of microwave is generated by at least one of an infra-red light and an ultra- violet light.
90. (New) A method for applying a coating to at least one optical surface, comprising acts of:

- a. placing a screen over the optical surface, wherein the screen comprises:
  - i. a frame defining an opening, and
  - ii. a film covering the opening, wherein at least part of the film has a plurality of holes;
- b. applying some coating solution to the screen;
- c. transferring some coating solution to a transfer pad;
- d. pressing the transfer pad against the screen so as to transfer the coating solution from the transfer pad to the screen and to the optical surface; and
- e. irradiating the coating solution so as to form a coating layer on the optical surface.

91. (New) The method of Claim 90, wherein the film comprises a partially coated fibre.